

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

CLONING AND EXPRESSION OF HTLV-III DNA

the specification of which (check one)

☐ is attached hereto.

☒ was filed on October 10, 1984 as  
Application Serial No. 659,339  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Claimed	
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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(Application Serial No.) (Filing date) (Status, patented,  
pending, abandoned)

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(Application Serial No.) (Filing date) (Status, patented,  
pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

David E. Brook  
James M. Smith  
Leo R. Reynolds

301  
Registration No. 22,592  
Registration No. 28,043  
Registration No. 20,884

all of Hamilton, Brook, Smith and Reynolds, Two Militia Drive, Lexington, Massachusetts 02173;

and

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602 701 Send correspondence to: David E. Brook  
Hamilton, Brook, Smith & Reynolds  
2 Militia Drive, Lexington, MA 02173

702 Direct telephone calls to: David E. Brook

617-861-6240

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Nancy T. Chang *1/10/80*  
Inventor's signature Nancy T. Chang  
Date NOV 6, 1984 *J. PA*  
Residence Paoli, PA 19301  
Citizenship Republic of China  
Post Office Address 1504 Sugartown Road  
Paoli, PA 19301

Full name of second joint inventor, if any \_\_\_\_\_  
Second Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of third joint inventor, if any \_\_\_\_\_  
Third Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of fourth joint inventor, if any \_\_\_\_\_  
Fourth Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

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Applicant or Patentee Nancy T. Chang Attorney's  
Serial or Patent No. 659,339 Docket No.: CTR84-7  
Filed or Issued: October 10, 1984  
For: CLONING AND EXPRESSION OF HTLV-III DNA

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(c) - SMALL BUSINESS CONCERN)

I hereby declare that I am

- ☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf  
of the concern identified below:

NAME OF CONCERN Centocor, Inc.

ADDRESS OF CONCERN 244 Great Valley Parkway  
Malvern, PA 19355

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled CLONING AND EXPRESSION OF HTLV-III DNA  
by inventor(s) Nancy T. Chang

described in

- ☐ the specification filed herewith  
☒ application serial no. 659,339, filed October 10, 1984.  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

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If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9 (d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

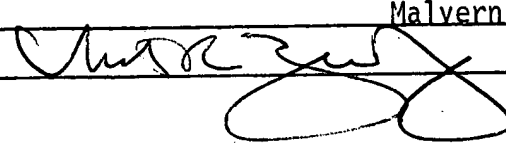
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

✓ NAME OF PERSON SIGNING Vincent R. Zurawski, Jr.

✓ TITLE OF PERSON OTHER THAN OWNER Executive Vice President and Technical Director

✓ ADDRESS OF PERSON SIGNING 244 Great Valley Parkway  
Malvern PA 19355

✓ SIGNATURE  DATE November 6, 1984

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026 50. m 205-*[initials]*

UNITED STATES APPLICATION FOR LETTERS PATENT

Applicant: Nancy T. Chang

Serial No.: 659,339

Filed: October 10, 1984

Title: CLONING AND EXPRESSION OF HTLV-III DNA

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as First  
Class Mail in an envelope addressed to Honorable  
Commissioner of Patents and Trademarks, Washington,  
D.C. 20231 on 11/12/84  
Hamilton, Brook, Smith & Reynolds

Bernie D. Brown  
Signature

Nov 12, 1984  
Date

Letter of Transmittal

The Honorable Commissioner of  
Patents and Trademarks  
Washington, D. C. 20231

Sir:

A Declaration/Power of Attorney and an  
Assignment are enclosed which Applicant's Attorney  
respectfully requests be filed in the above  
identified patent application. The surcharge for  
the late filing of the Declaration in the amount of  
11/26/84 659339 1 205 50.00 CK

*VOID*  
~~91181105~~

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\$50.00 and the fee for recordation of the Assignment in the amount of \$20.00 are included in the enclosed check for \$70.00.

Also enclosed is a Verified Statement claiming Small Entity Status (37 CFR 1.9(f) and 1.27(c) - Small Business Concern for the above-identified patent application. Applicant's Attorney respectfully requests that the amount of \$535.00, which represents one half of the filing fee of \$1,070.00 paid, be credited to Applicant's Attorney's Deposit Account No. 03-0380.

Please charge any additional fees which may be due in this matter to Applicant's Attorney's Deposit Account No. 03-0380. Two duplicate copies are enclosed for that purpose.

Respectfully Submitted,



David E. Brook  
Attorney for Applicant  
Registration No. 22,592